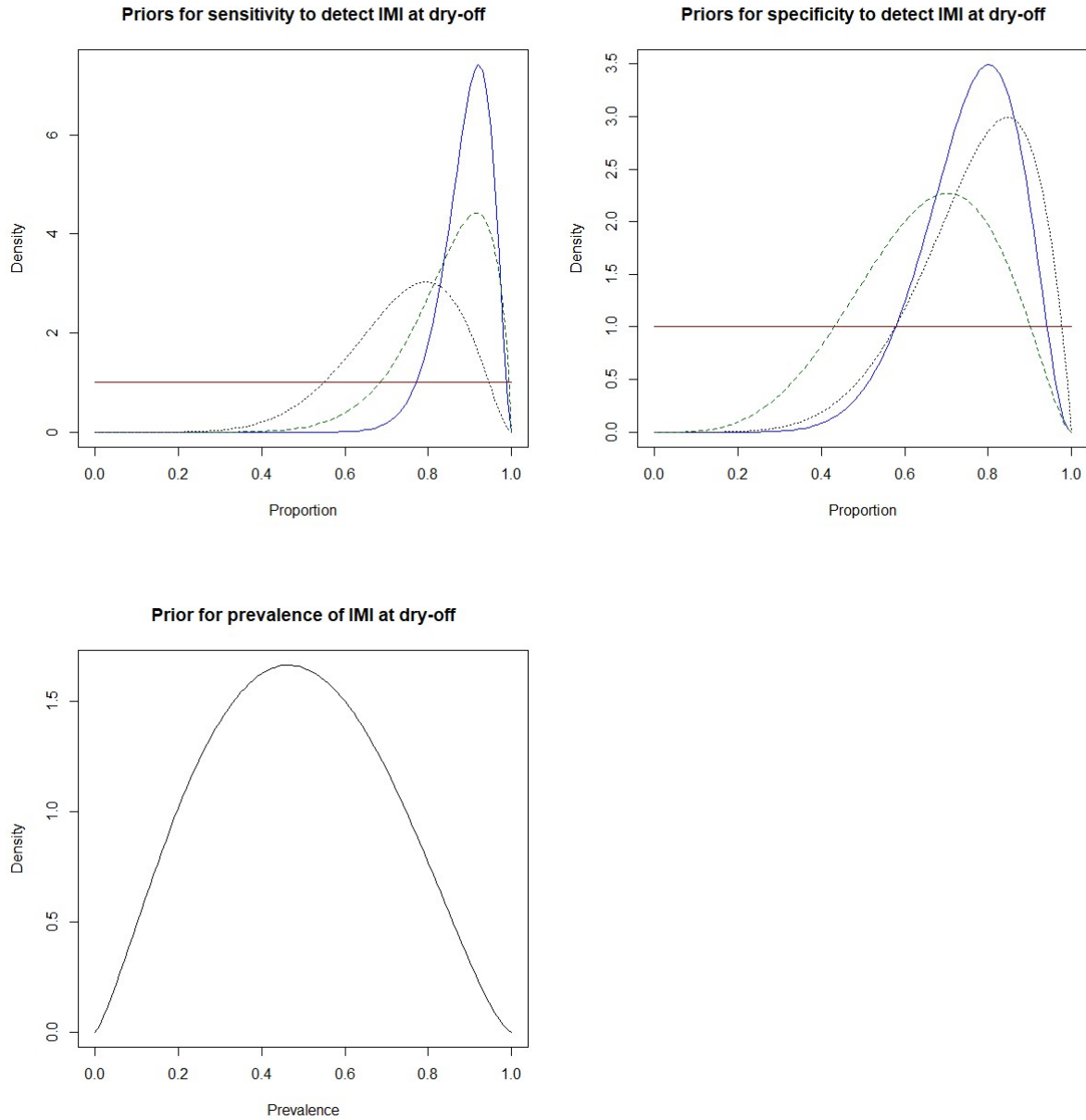


528 **Supplementary material**

529 **Figure S1.** Priors for sensitivity and specificity of different tests (laboratory culture: blue;
530 Petrifilm: green; Tri-Plate: black; luminometry: red) and for intramammary infection (IMI)
531 prevalence used in the main latent class analysis model.



532

c

533

534

535